CITY OF PINE BLUFF
STREET DEPARTMENT

TITLE:
STORMWATER MANAGEMENT SYSTEM

SCALE: One Inch Equals 100 Feet +/-

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DRAWN BY: Jeffrey Carl Shiver

DATE: 1981 PHOTO
2001 Review

MAP NUMBER: E ½ SEC. 3, T6S, R9W

REVISIONS	
DATE	BY

NOTES:

1. Manholes not raised to grade during Railroad Overpass Project
2. 30" Vitrified Clay Pipe under 18" RCP. No Connection.
3. Manhole not raised to grade during Asphalt Overlay Project
4. 18" RCP runs side by side with 24" VCP before crossing over it.
5. New and Old intergraded.
6. 12" RCP inlet situated on top of 18" RCP outlet.
7. Pools before sheetflowing across road.
8. Railroad track is crown of road.
9. Angle of Pipe (bearing) changes between catch basins hoop procs
10. No Manhole for the juncture of pipes
11. Super-elevated curve
12. Manhole lost during Convention Center renovations.
13. Surface run-off goes to catch basin, the grated top inlet is a junction box.

Notes

NOTE 'A' The Outlet Canal was constructed in 1934 to divert a part of the flow of Harding Drain at all times, and during high river stages on the Arkansas River, to divert all of the flow to Bayou Bartholomew.

Flood Plain information
Garver & Garver Inc., Engineers/
Corps of Engineers
November, 1973

*- Under normal conditions, runoff originating in the Harding Drain watershed, including Town Branch, is discharged through the Outlet Canal which, in turn, discharges to Bayou Bartholomew. However, during periods of peak runoff within the watershed and coincident low stages of the Arkansas River, a portion of the flow enters the Arkansas River through a drainage structure in the Arkansas River main line levee.

Pine Bluff Metropolitan Area, Arkansas
Urban Water Management Study.
Bialock, Threet & Associates, Inc.,
Consulting Engineers
for
Department of the Army
Vicksburg District
Corps of Engineers
August, 1975

Port Road, Arkansas State Highway and Transportation Job S-35-1
April, 1975. Located in Drawer I. See also: AHTD Half Size Plans File
Port Road S-35-1, Drawer C

Harding Drain Drainage Structure (through Arkansas River levee)
As Constructed U.S. Army Corps of Engineers File No. A-15-147
April, 1966. Located in Drawer DD
See Also: Flood Gate File - Front Office
Harding Drain File - Front Office
Levee Gap Closure Plan - Drawer F

U.S. Highway 65 Business - Florida Street to Michigan Street (Phase III)
AHTD Job 2737. Located in Drawer CC See Also: Half Size Plan
February, 1972
Cabinet 1, Drawer D

Two Foot Interval Contour Map with Spot Elevations. Located in Drawer S.

Field Notes and Worksheets located in Cabinet No. 4, Drawer A.

Civic Center Urban Renewal Project. Grading and Part II. Drainage.
Garver and Garver Engineers, May, 1964. Located in Drawer AA

Outlet Canal, Plan and Profile, Right of Way. U.S. Army Corps of Engineers
Vicksburg District File No. O-7-86 September, 1952.
Located in Drawer DD

Railroad Track Consolidation Project, AHTD Job 20036, October, 1985
Located in Drawer U

Convention Center Drive Extension between 6th and 8th Avenue
Edwin, Hoegler and Associates, Engineering and Planning Consultants
September, 1987. Located in Drawer Z

Convention Center Drive / U.S. Highway 65 Business between 2nd and 6th Avenue. AHTD Job 20081, September, 1989. Located in Drawer CC
See Also: AHTD Job 2755 Drawer N
AHTD Job 2650, December, 1967. Drawer N

KEY TO SYMBOLS AND ABBREVIATIONS

Direction of Flow — Change in Direction of Flow

Underground Stormwater Drainage Pipe

Catch Basin, Drop Inlet, Grated Top Type Inlet or Junction Box

Manhole / Access Point — X Structure Eliminated — New Structure

CB = Catch Basin or Drop Inlet GI = Grated Top Type Inlet MH = Manhole / Access Post

VG = Valley Gutter JB = Junction Box CIP = Cast Iron Pipe RC= Steel Reinforced Concrete

22"x 13" CMP = Twenty Two Inch Span by Thirteen Inch Rise Corrugated Metal Arch Pipe
(The inside diameter of the pipe)

13" Rise — 22" Span — 18"x 11" RCAP = Eighteen Inch Span by Eleven Inch Rise Steel Reinforced Concrete Arch Pipe

CPP = Corrugated Polyethylene Pipe VCP = Vitrified Clay Pipe

ACMP = Asphalt Coated Multi Plate Corrugated Metal Pipe CMP = Corrugated Metal Pipe

N W E S